



#3 ✓ \$ Secfor

Applicant(s): Ertel et al.

Serial No.: 09/834,667

For: USE OF WIDE ELEMENT SPACING TO IMPROVE THE  
FLEXIBILITY OF A CIRCULAR BASESTATION  
ANTENNA ARRAY IN A SPACE DIVISION/MULTIPLE  
ACCESS SYNCHRONOUS CDMA COMMUNICATION SYSTEM

Filed: April 13, 2001

Examiner: Not yet assigned

Art Unit: 2661

Attorney Docket: 907.0007USU (SL-068)

**Box MISSING PARTS**  
**COMMISSIONER FOR PATENTS**  
**Washington, D.C. 20231**

Sir:

**TRANSMITTAL OF MISSING PARTS OF APPLICATION AND**  
**PAYMENT OF SURCHARGE UNDER 37 C.F.R. §1.16(e)**

Transmitted herewith are the following documents pertaining to  
the above-identified application:

XXX Declaration and Power of Attorney form executed  
by Richard B. Ertel, Thomas R. Giallorenzi, and  
Eric K. Hall;

XXX Six Sheets of Formal Drawings;

XXX An Assignment of the Invention to : **ASSIGNEE**  
**NAME: L-3 Communications Corporation, ASSIGNEE**  
**RESIDENCE: New York, New York,** including \$40.00  
recordation fee and Assignment Recordation Cover  
Sheet;

— A Certified Copy of the Priority Application;

— Information Disclosure Statement (Form - 1449); and

**XXX**

A copy of the Notice to File Missing Parts of Application Filing Date Granted.

Petition and Fee for Extension of Time (37 CFR 1.136(A)).

The Filing Fee is calculated below.

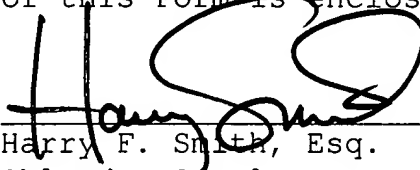
CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$710.00
Total Claims	17 - 20 =	0	x \$18.00	\$0
Independent Claims	4 - 3 =	1	x \$80.00	\$80.00
Multiple Dependent Claim Fee		x \$270.00 = \$0.00		
<b>TOTAL FILING FEE</b>		<b>\$PAID</b>		

1/2 FILING FEE FOR SMALL ENTITY	\$
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**XXX** A check in the amount of \$ 170.00 to cover the (\$130.00) surcharge and (\$40.00) recordation of Assignment is enclosed.

**XXX** The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

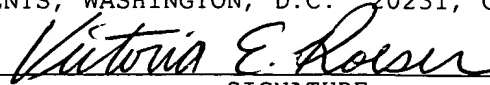
June 18, 2001  
Date

  
Harry F. Smith, Esq.  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
Attorney for Applicant(s)  
Registration No. 32,493  
Telephone: (203) 327-4500  
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CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: BOX MISSING PARTS, COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON JUNE 18, 2001.

Victoria E. Roeser  
NAME.

  
SIGNATURE

06/18/01  
DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ertel et al.  
Serial No.: 09/834,667  
Filed: April 13, 2001  
For: USE OF WIDE ELEMENT SPACING TO IMPROVE THE  
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ARRAY IN A SPACE DIVISION/MULTIPLE ACCESS  
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BOX MISSING PARTS  
COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

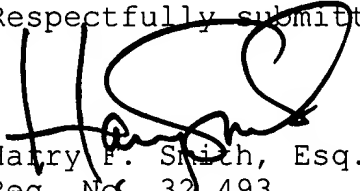
**CORRECTION OF INFORMALITIES**

Sir:

In response to the Notice to File Missing Parts dated June 7, 2001, the time to respond which expires on August 7, 2001, enclosed herewith are the formal drawings (six sheets) for Figures 1 through 10 for the above-identified application.

Respectfully submitted,

Date: June 18, 2001

  
Harry F. Smith, Esq.  
Reg. No. 32,493  
Ohlandt, Greeley, Ruggiero & Perle,  
L.L.P.  
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Stamford, Connecticut 06901-2682  
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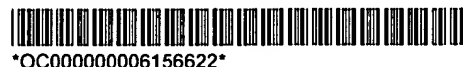
UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/834,667	04/13/2001	Richard B. Ertel	907.0007USU (SL-068)

CONFIRMATION NO. 5630

**FORMALITIES LETTER**



Harry F. Smith, Esq.  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10th Floor  
Stamford, CT 06901-2682

Date Mailed: 06/07/2001

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

***A copy of this notice MUST be returned with the reply.***

06/25/2001 AZERGAW1 00000102 09834667

01 FC:105

130.00 CP

A handwritten signature, possibly reading 'JP', is written in black ink above a horizontal line.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE